

APPENDIX A

UNIT TRAINING PROGRAM

This appendix provides guidance for conducting unit training as part of preliminary marksmanship training for each machine gun. The training program prepares the unit for war by enabling leaders and soldiers to develop and sustain proficiency in machine gun tasks. It does this by integrating individual training and evaluation with battle drills and other collective tasks.

A-1. FOCUS

An effective unit training program focuses on three battlefield variables: nature of the target (moving or stationary, single or multiple); nature of the firer (stationary or moving); and conditions (full or limited visibility, with or without protective mask, day or night).

A-2. STRUCTURE

This proposed training program is subdivided into the following periods:

- a. Introduction.
- b. Preliminary marksmanship training and dry fire.
- c. Proficiency (performance) examination.
- d. 10-meter zero practice and qualification.
- e. Transition range, field zero, and practice fire.
- f. Transition range qualification fire.
- g. Night zero and instructional fire.
- h. Night qualification fire.

A-3. PERIODS

After a brief description of the machine gun, soldiers receive the following instruction:

a. **Period 1--Introduction.**

DISASSEMBLY AND ASSEMBLY	TIME ALLOWED	
	HRS	MIN
Disassembly.		25
Operator maintenance:		
Inspection		10
Cleaning		10
Lubrication		10
Assembly		25
Disassembly and assembly (practice exercise--optional)		50
SUBTOTAL (including practice exercise):	2	10
CHARACTERISTICS OF FIRE	TIME ALLOWED	
	HRS	MIN
Burst fire		15
Trajectory and beaten zone		15
Engagements of targets:		
Point		10
Area		10
SUBTOTAL:		50
TOTAL:	3	0

b. **Period 2--Preliminary Marksmanship Training and Dry Fire.** After a brief description of the training to be conducted, soldiers receive the following instructions on the bipod, tripod, and mounting equipment:

TECHNIQUES OF FIRE	TIME ALLOWED	
	HRS	MIN
Position and grip, aiming, trigger manipulation, and T&E manipulation.		40
Loading ammunition.		15
Reducing stoppages and clearing the weapon.		5
SUBTOTAL:	1	10
DRY-FIRE PRACTICE	TIME ALLOWED	
	HRS	MIN
Aiming and firing sequence.		30
Sight setting and sight changes.		30
Zeroing procedures.	1	
SUBTOTAL:	2	
TOTAL:	3	10

c. **Period 3--Proficiency (Performance) Examination.** During this period, leaders use the proficiency examination to test and evaluate tasks learned during Periods 1 and 2.

PROFICIENCY (PERFORMANCE) EXAMINATION	TIME ALLOWED	
	HRS	MIN
TOTAL:	1	

d. **Period 4--10-Meter Zero Practice and Qualification.**

INSTRUCTIONAL SUBPERIODS	TIME ALLOWED	
	HRS	MIN
Preliminary marksmanship training including the aiming, sight picture, trigger control, bipod and tripod positions, and T&E manipulation.	1	
Function checks, loading, immediate action, clearing, and range safety.		15
Introduction to the 10-meter firing (includes zeroing and practice and qualification on the 10-meter target, and scoring of the target).		15
Zero firing.	1	
Practice day Table I.	1	
Qualification day Table I.	1	
TOTAL:	4	30

e. **Period 5—Transition Range, Field Zero, and Practice Fire.**

TRANSITION RANGE PRACTICE FIRE	TIME ALLOWED	
	HRS	MIN
Introduction to field firing (includes the transition range organization and operation).		15
Fire standard qualification course for practice (IAW with procedures in Chapter 4).	3	45
TOTAL:	4	

f. **Period 6—Transition Range Qualification Fire.** Soldiers fire the standard qualification course for record IAW procedures in Chapter 4.

TRANSITION RANGE QUALIFICATION FIRE	TIME ALLOWED	
	HRS	MIN
TOTAL:	4	

g. Period 7—Night Zero, Instructional Fire, and Night Qualification Fire.

Soldiers receive instruction on mounting, placing the night vision device into operation, boresighting, and zeroing the device once it is seated. They fire the standard night course as Period 4, except a night vision device is mounted on the weapon.

NIGHT ZERO, INSTRUCTIONAL FIRE, NIGHT QUALIFICATION FIRE	TIME ALLOWED	
	HRS	MIN
TOTAL:	4	

A-4. HOURS

The unit training program requires a total of 23 hours and 40 minutes:

SUMMARY OF HOURS	TIME ALLOWED	
	HRS	MIN
Period 1	3	
Period 2	3	10
Period 3	1	
Period 4	4	30
Period 5	4	
Period 6	4	
Period 7	4	
TOTAL:	23	40

A-5. AMMUNITION

This paragraph summarizes ammunition required for the unit training program. Leaders should check STRAC requirements in DA Pamphlet 350-38.

- a. **M249 Machine Gun.** See Table A-1.

TABLE	ROUNDS	TYPE
I Practice	185	Ball
I Record	91	Ball
II Practice	182	4:1
II Record	154	4:1
III Practice	371	4:1
III Record	154	4:1

Table A-1. M249 ammunition requirements.

- b. **M60 and M240B Machine Guns.** See Table A-2.

TABLE	ROUNDS	TYPE
I Practice	231	Ball
I Record	117	Ball
II Practice	236	4:1
II Record	200	4:1
III Instructional	460	4:1
III Record	200	4:1

Table A-2. M60 and M240B ammunition requirements.